KERN **TGC 500-1S05**

KERN

Slim pocket balance with large stainless steel weighing plate and practical tare pan

Tolerance (% of [Max])	0,3%

Approval

CE mark	✓

Display

Display type	LCD
Display backlight	✓
Display digit height	12 mm
Languages of the user interface	Symbol language

Construction

Dimension housing (W×D×H)	100×130×18 mm
Material display housing	Plastics
Material housing	plastic
Material weighing plate	stainless steel
Dimensions weighing surface (Ø)	81 mm

Category

Brand	KERN
Product categoriy	Laboratory balance
Product group	Pocket balance
Product family	TGC

Measuring System

Construction type of the scale	Single-range balance
Weighing system	Strain gauge
Weighing capacity [Max]	500 g
Weighing capacity [Max] (ct)	2500 ct
Readability [d]	0,1 g
Readability carat [d] (ct)	0,5 ct
Resolution	5.000
Linearity	± 1,5 g
Reproducibility	0,5 g
Tare range	500 g
Default unit	g
Units	g gn dwt ozt ct oz
Adjustment options	Adjusting with external weight
Recommended adjusting weight	500 g (M3)
Possible calibration points	500 g
Stabilization time	2 s
Warm-up time	10 min
Eccentric loading at 1/3 [Max]	0,5 g
Maximum creep (15 minutes)	400 mg
Maximum creep (30 minutes)	800 mg

Functions

Number of keys for operation	4
Auto-off interval(s) in battery mode/rechargeable battery mode	4 min
Tare function	manual (multi)
IP protection - complete device	-

Power Supply

Supplied power supply	Battery
Battery	2×CR2032
Battery / accumulator type	Li-Metal
Battery connection	Pad + Spring
Battery capacity	210 mAh
Battery operating time	8,75 h
Battery operating time - backlight on	8,75 h
Battery operating time - backlight off	22 h

Environmental conditions

Humity of environment [Min]	80 %
Humity of environment [Max]	90 %
Ambient temperature [Min]	0 °C
Ambient temperature [Max]	40 °C
Storage temperature [Min]	-20 °C
Storage temperature [Max]	60 °C

Packing & Shipping

Readability force [d] (N)	1 d

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Slim pocket balance with large stainless steel weighing plate and practical tare pan

Dimensions packaging (W×D×H)	100×130×16,5 mm
Net weight	0,75 kg
Shipping method	Parcel service
Net weight approx.	0,75 kg
Gross weight approx.	0,85 kg
Shipping weight	0,85 kg

Services (optional)

Article number for adjustment at the location of installation	961-247S05
Article number for DAkkS calibration	963-127S05.
Article number for certificate of conformity (verification)	969-517

Pictograms

STANDARD

CAL EXT	UNIT	BATT

OPTION

DAkkS +7 DAYS